

BEACON XXL MB O/B DIM 4K L3 WHT

Item No: 2093049

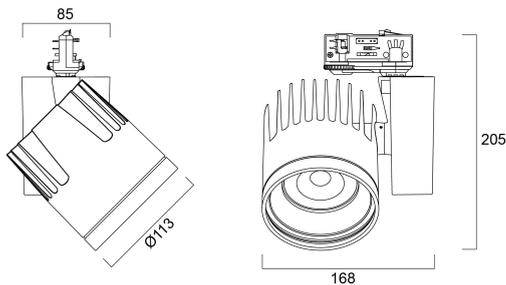
Concord



2093049 BEACON XXL MB O/B DIM 4K L3 WHT Integrated LED spotlight, white RAL 9016, compact and minimalist design, ideal for double height spaces, retail and display applications, die-cast aluminium body, passive cooling heatsink, beam angle: 50° medium beam, optics: Fresnel lens for controlled beam, colour temperature: 4000K neutral white, total system power: 48W, total fixture output: 4179lm, luminaire efficacy: 87lm/W, LOR: 100%, colour rendering: Ra 93 typical, LED Chromacity: 3 step MacAdam ellipse, IR/UV free light source without heat radiation, operating voltage: 220-240V / 50-60Hz, drive current: 1200mA, electronic driver, dimmable, on-board potentiometer for dimming control, power factor: 0.98 electrical protection: CLASS I, 3-circuit track adaptor, suitable for Concord Lytespan 3 track, ingress protection rating: IP20, suitable for internal environment only, horizontal rotation: 355°, vertical tilt: 90°, lockable p...

Technical Assets

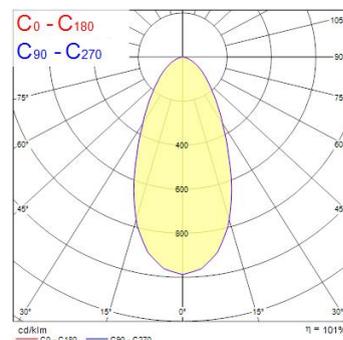
Dimensions (mm)



Photometrics

Distance [m]	Cone diameter [m]	E ₀ ⁽¹⁾ E ₁₀₀ ⁽²⁾	16006 6176
0.5	0.46	E ₀ ⁽¹⁾ E ₁₀₀ ⁽²⁾	24.8° 6176
1.0	0.92	E ₀ ⁽¹⁾ E ₁₀₀ ⁽²⁾	24.8° 1544
1.5	1.39	E ₀ ⁽¹⁾ E ₁₀₀ ⁽²⁾	24.8° 988
2.0	1.85	E ₀ ⁽¹⁾ E ₁₀₀ ⁽²⁾	24.8° 738
2.5	2.31	E ₀ ⁽¹⁾ E ₁₀₀ ⁽²⁾	24.8° 588
3.0	2.77	E ₀ ⁽¹⁾ E ₁₀₀ ⁽²⁾	24.8° 472

Distance [m] Cone diameter [m] Illuminance [lx]
 C0 - C180 (Half beam angle: 48.6°)



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General data

Product name	BEACON XXL MB O/B DIM 4K L3 WHT
Technology	LED
Cap/Base	N/A
Housing	Aluminium
Mount	Track mounting
Environment	Internal
General application	Retail
Performance ambient temperature Tq (°C)	25
ETIM Class	EC001744
E-number FI	4278823
E-number SE	7401077
Warranty	5 years

Optical data

Useful luminous flux (Φ_{use})	4179
Fixture luminous flux (lm)	4179
Luminaire efficacy (lm/W)	87.06
LOR (%)	100
Correlated colour temperature (k)	4000
Light colour	Neutral White
CRI (Ra)	93
Colour Consistency (SDCM)	3
Adjustable chromaticity	N
Beam Angle (°)	50
Photobiological Risk Group	RG1

Electrical data

Total power consumption (W)	48
Primary Supply/Product voltage - min (V)	220.0
Primary Supply/Product voltage - max (V)	240.0
Lamp power factor	0.98
Electrical protection	Class I
Control gear type	Electronic ballast
Dimmable	Yes
Dimming method	Mains: leading / trailing edge
Drive current (mA)	1200
Energy Efficiency Class (A->G) of contained light source	E
Nominal Frequency (Hz)	50/60Hz

Lifetime data

Lifespan L70 B50	100000
Lifespan L80 B20	100000
Lifespan L90 B10	55500

Physical data

Housing colour	White
IP rating	IP20
Diffuser finish	Diffuse
Reflector finish	Not Applicable
Nominal Product Length (mm)	85
Nominal Product Width (mm)	168
Nominal Product Height (mm)	205
Weight (kg)	1.5

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Packaging

Product EAN number	5025768930494
Packaging single length / height (cm)	25.0
Packaging single width (cm)	19.5
Packaging single depth (cm)	20.0
DUN14 (inner)	05025768930494
Units per outer package	1
Packaging outer length / height (cm)	25.0
Packaging outer width (cm)	19.5
Packaging outer depth (cm)	20.0